

## Historical Floods: West Branch Susquehanna River at Watsontown, Pennsylvania

Latitude: 41.082

Period of Record: 1936-Present

Longitude: -76.864

Flood Stage: 23 ft

Last Flood: 9/8/2011

Number of Floods: 12

Date of Flood	Crest (ft)	Streamflow (cfs)	Category	Code
3/12/1936	27.50	-9,999	Moderate	C1
3/18/1936	36.25	-9,999	Major	C1
4/1/1940	24.75	-9,999	Minor	C1
3/31/1942	24.75	-9,999	Minor	C1
5/29/1946	30.50	-9,999	Major	C1
4/15/1948	24.25	-9,999	Minor	C1
11/26/1950	28.60	-9,999	Moderate	C1
6/23/1972	37.50	-9,999	Major	C1
1/20/1996	28.50	-9,999	Moderate	C1
9/19/2004	28.80	-9,999	Moderate	C1
12/2/2010	24.30	-9,999	Minor	C1
9/8/2011	26.70	-9,999	Moderate	C1

Drainage Area: 65473 sq mi

Gage Datum: 440 ft MSL

West Branch Susquehanna Basin

County of Gage: Northumberland

County of Forecast Point: Northumberland

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-9999 signifies missing data

### MARFC Codes

Code	Description
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- |    |  |
|----|--|
| C1 | Crest information looks unreliable and incomplete and not used in frequency calculations. Some of the floods are based on current flood stage and nearby gage information.   |
| C2 | Crest information looks reliable despite potential problems. This data was used in frequency calculations.   |
| C3 | Crest height estimated by the USGS.  |
| C4 | Crest height is from the National Weather Service.   |
| C5 | Crest height affected by backwater.  |
| C6 | Crest occurred at a previous flood stage that is lower than the current flood stage. The crests below the new flood stage are not used in flood frequency calculations.  |
| C7 | Crest from USGS yearly peak and/or date is different than the crest we provide. In many cases MARFC uses crest based on backwater or ice effects. Crest month or day of occurrence has been estimated by The Middle Atlantic River Forecast Center usually based on nearby gage information. |
| C8 | Crest date (day) in the month is unknown.  |
| C9 | Flow is an estimate.   |
| F1 | Flow affected by regulation or diversion and in some cases to an unknown degree.   |
| F2 | Flow effected by snow-melt, ice jam or debris jam break up.  |
| F3 | Flow affected by dam failure.  |
| F4 | Flow - All or part of the record affected by urbanization, mining, agricultural changes, channelization or other factors.  |
| F5 | Gage height at a different site and/or datum.  |
| G1 | Gage is not an official USGS gage with crests provided by the NWS. Crest information looks unreliable and incomplete and not used in flood frequency calculations.   |
| G2 | Gage datum changed during this year.   |

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